

AMENDMENTS TO THE DRAWINGS

The attached sheets of drawings include changes to FIGS. 4 and 5 to include an explicit reference to the corresponding SEQ ID NO. for each of the drawings. These sheets, which include FIGS. 4 and 5, replace the original sheets including FIGS. 4 and 5.

Attachments: Replacement Sheets

Annotated Sheets Showing Changes

REMARKS

The amendments to the Specification and Drawings reflected above are intended to address certain of the formality issues raised in connection with the Notice of Allowability dated June 13, 2006. Notice at 3. In particular, SEQ ID NO: references have been incorporated in FIGS. 4 and 5 and a Petition is being simultaneously submitted for entry of color drawings (photographs) pursuant to 37 C.F.R. §§ 1.84(a)(2) and 1.84(b)(2).

Entry of these Amendments is respectfully requested.

CONCLUSION

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact John A. Castellano at the telephone number of the undersigned below.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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By

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JAC/GPB:ame

-3	TTCATGGCAG	CTCAGCACAT	CATCTCCATG	GCTGCCATGG	37
38	CATCCCTCCT	TGTAGTACTC	TCGGCAATCC	CGAGAGGCCT	77
78	GGAATCCATT	GGGGTCTGCA	ATGGAATGGA	CGGTGACAAC	117
118	CTCCCCCAGC	CCGCCGACGT	CGTCAACCTC	TACAAGTCCA	157
158	ACAACATAGC	TGGCATGCGA	CTCTACAGCC	CCGACCAAGC	197
198	CACTCTCCAG	GCCCTCCAGG	GCTCTAACAT	CTACCTCATC	237
238	CTCGACGTCC	CCAACCTCCGA	CCTCCAAAAC	ATTGCCTCCG	277
278	ACCAATCCGC	CGCCACCAAC	TGGGTCCAAA	CCAACGTCCA	317
318	AGCCTACCCA	AACGTTGCCT	TCCGATACAT	CGCCGTCGGA	357
358	AACGAAGTCA	TCCCCGGCGG	CCAAGCTCAG	TACGTCTCC	397
398	CAGCCATGAA	CAACATACAG	TCCGCCCTCT	CCTCTGCCGG	437
438	CCTTCAGAAC	ATCAAGGTCT	CCACATCAGT	CTCCTTCGGC	477
478	GTCGTGGTA	CCTCATATCC	CCCCTCAGCT	GGCTCCTTCT	517
518	CTTCCGATGC	ATCGTCGACA	TTGGGTCCAA	TCATACAGTT	557
558	TCTAGCCAGC	AATGGCTCCC	CATTACTTGC	CAACATCTAC	597
598	CCCTACTTGA	GCTATGCTGG	CAACTCCGGA	TCCATCGACC	637
638	TCTCATAACGC	CCTCTTTACT	GCATCTGGTA	CAGTCGTACA	677
678	GGACGGGTCC	TACGCTTACA	ACAACCTCTT	CGATGCCATG	717
718	GTCGACGCAT	TGTACTCGGC	CCTGGAGAGC	GCCGGAGGGC	757
758	CGAATGTCCC	TGTTGTCGTG	TCGGAGAGTG	GCTGGCCGTC	797
798	AGCGGGCGGG	ACAGCGCGA	CGGTGTCTAA	TGCGCAGACT	837
838	TACAATTCCA	ATTTGATCAA	CCATGTGGGT	CAGGGGACGC	877
878	CGAAGAGGCC	AGGGGCGATT	GAGACCTACA	TATTTGCCAT	917
918	GTTCAACGAG	GATCAGAAGC	AGCCGCAAGG	GATTGAGAAT	957
958	AACTTTGGGC	TGTTTTACCC	TAACGAACAG	CCTGTCTATT	997
998	CGATCAGCTT	CACTTGAGAA	ATTTGATCAG	ATGAAATATA	1037
1038	AATAAAAGGT	CTTATATTGT	AAGGCAAAGC	TCGTAATTGA	1077
1078	TAGCCATCTA	GTAATATAGC	TCCGGCTAAT	TAAAACATATA	1117
1118	AAATA				1122

Fig. 4. The nucleotide sequence of the full-length cDNA of *LPGlu1*

(incorporating SEQ ID NO: 2).

REFERENCE ADDED

1 MAAQHIISMA AMASLLVVLS AI PRGVESIG VCNGMDGDNL PQPADVNL
51 KSNNIAGMRL YSPDQATLQA LQGSNIYLIL DVPNSDLQNI ASDQSAATNW
101 VQTNVQAYPN VAFRYIAVGN EVIPGGQAQY VLPAMNNIQS ALSSAGLQNI
151 KVSTSVSFGV VGTSYPPSAG SFSSDASSTL GPIIQFLASN GSPLLANIYP
201 YLSYAGNSGS IDLSYALFTA SGTVVQDGSY AYNNLFDAMV DALYSALESA
251 GGPNVPVVVS ESGWPSAGGT AATVSNAQTY NSNLINHVGQ GTPKRPGAI
301 TYIFAMFNED QKQPQGIENN FGLFYPNEQP VYSISFT

Fig. 5. The putative amino acid sequence of LPGlu1 (SEQ ID NO: 1).

REFERENCE ADDED